

Iowa Crops & Weather



USDA – National Agricultural Statistical Service
Iowa Field Office

210 Walnut, Room 833 • Des Moines, Iowa 50309-2195
515-284-4340 • 1-800-772-0825 • FAX 515-284-4342 • nass-ia@nass.usda.gov
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For the week ending April 22, 2007

WARM DAYS FINALLY

Agricultural Summary: Sunny, warm, windy days aided in drying fields. By mid-week farmers were able to start fieldwork, avoiding wet areas that remained. Grain movement was high at the beginning of the week while farmers waited for fields to dry, but movement slowed toward the end of the week.

There were 4.3 days suitable for fieldwork, compared to 5.0 days last year at this time. Topsoil moisture rated zero percent very short, 2 percent short, 82 percent adequate, and 16 percent surplus across the state. Subsoil moisture rated zero percent very short, 4 percent short, 78 percent adequate, and 18 percent surplus.

Field Crops Report: Oats planted were 58 percent complete, 6 days behind last year's 81 percent and 10 days behind the five year average of 88 percent. Seven percent of planted oats are emerging compared to last year's 26 percent. Corn planting, at 8 percent, is 5 days behind last year's 23 percent. Fertilizer application, at 75 percent, was 5 percentage points below both last year's and the five-year average of 80 percent.

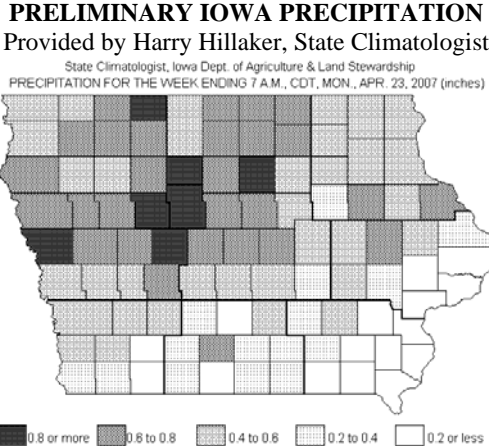
Livestock, Pasture and Range Report: Pasture and range condition rated 4 percent very poor, 17 percent poor, 36 percent fair, 38 percent good, and 5 percent excellent. Pastures are having a hard time putting growth out after the cold days at the beginning of the month.

Warmer weather has dried feed lots. Conditions were greatly improved for calving.

IOWA PRELIMINARY WEATHER SUMMARY Provided by State Climatologist Harry Hillaker

The past work week brought much warmer and drier weather to Iowa. There was no rain anywhere in the state on Monday (16th), Tuesday (17th) and Wednesday (18th) with only isolated light amounts reported from Thursday (19th) through Saturday (21st). However, thunderstorms dampened all but the far southeastern portions of Iowa on Sunday (22nd). Weekly rainfall amounts varied from only a trace at Burlington to 1.68 inches at Rockwell City. The statewide average precipitation was 0.50 inches while normal for the week is 0.92 inches. Temperatures from Monday (16th) through Friday (20th) were mostly in the 60's and 70's during the day with overnight lows in the 30's and 40's. Warmer weather arrived for the weekend with highs in the upper 70's east to mid 80's west on Saturday (21st) with lower 60's northwest to mid 80's southeast on Sunday (22nd). Morning lows from Saturday (21st) through Monday (23rd) were mostly in the 50's. Temperature extremes for the week ranged from a Monday (16th) morning lows of 28 degrees at Elkader and Lowden to Saturday (21st) afternoon highs of 86 degrees at Little Sioux and Sioux City. Temperatures for the week as a whole averaged 7.8 degrees above normal. Soil temperatures as of Sunday (22nd) were averaging in the mid to upper 50's statewide.

Statewide Crop Conditions as of April 22, 2007					
Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Range & Pasture	4	17	36	38	5



Field Work and Crop Progress as of April 22, 2007													
Item	Districts									State	Last Week	Last Year	Nor- mal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Fertilizer application completed	72	77	69	80	76	82	70	79	67	75	61	80	80
Corn planted	5	5	4	11	10	10	12	9	10	8	1	23	18
Oats planted	34	52	46	64	61	69	86	67	51	58	16	81	88
Oats emerged	0	0	4	10	6	12	7	14	2	7	1	26	35

Days Suitable & Soil Moisture Condition as of April 22, 2007												
Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	2.8	3.5	4.9	5.0	4.4	4.7	5.7	3.8	4.1	4.3	0.9	5.0
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	Very short	0	0	0	0	0	0	0	0	0	0	4
Short	0	0	2	0	5	0	9	0	1	2	1	14
Adequate	79	80	84	83	80	86	78	80	87	82	65	72
Surplus	21	20	14	17	15	14	13	20	12	16	34	10
Subsoil moisture	Very short	0	0	0	0	0	0	0	1	0	0	9
	Short	5	1	2	1	3	0	3	14	10	4	21
Adequate	77	91	80	85	67	82	70	77	74	78	71	62
Surplus	18	8	18	14	30	18	27	9	15	18	26	8

Weather Summary For Iowa Agricultural Statistics Service
Prepared by AWIS, Inc.
For the week ending: Sunday, April 22, 2007

STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
	North West District									
Estherville	84	34	57	11	0.06	-0.64	0.75	-1.26	51	39
Sioux Center	84	35	60	11	0.67	0.11	2.46	0.72	72	48
Spencer	85	35	58	10	0.02	-0.63	0.51	-1.40	57	40
Spirit Lake	83	34	59	13	0.64	0.07	1.21	-0.53	67	40
North Central District										
Britt	80	33	54	5	0.00	-0.74	1.70	-0.44	32	13
Humboldt	82	35	55	6	0.05	-0.68	1.49	-0.67	37	20
Mason City	82	30	54	7	0.00	-0.71	1.89	-0.19	39	23
Osage	80	33	53	5	0.00	-0.78	1.98	-0.34	31	6
North East District										
Decorah	81	28	55	7	0.00	-0.84	1.57	-0.88	39	19
Dubuque	78	29	53	5	0.02	-0.88	2.98	0.30	31	12
Elkader	81	26	51	3	0.00	-0.77	3.12	0.86	21	-11
Fayette	79	35	54	6	0.00	-0.81	3.07	0.74	30	12
Waterloo	81	27	55	6	0.00	-0.79	2.11	-0.23	42	19
West Central District										
Carroll	81	34	56	6	0.08	-0.72	1.30	-1.04	43	20
Castana	82	38	58	7	0.05	-0.60	1.68	-0.24	59	38
Guthrie Center	81	29	56	6	0.00	-0.77	1.96	-0.36	48	23
Harlan	82	33	57	6	0.00	-0.75	1.28	-0.89	53	29
Jefferson	81	33	56	7	0.00	-0.80	2.07	-0.27	47	24
Logan	83	32	59	8	0.00	-0.71	1.72	-0.29	65	34
Rockwell City	82	33	56	5	0.13	-0.55	2.03	0.07	41	16
Sac City	83	31	56	8	0.07	-0.61	1.30	-0.73	46	28
Sioux City	86	37	61	9	0.09	-0.47	2.32	0.70	78	49
Central District										
Boone	80	33	56	6	0.00	-0.81	2.25	-0.12	41	17
Des Moines	80	40	59	7	0.00	-0.83	2.03	-0.41	63	32
Grundy Center	80	30	53	5	0.00	-0.77	2.38	0.13	30	14
Marshalltown	80	32	55	6	0.00	-0.77	0.91	-1.39	43	21
Newton	80	35	55	4	0.00	-0.78	1.62	-0.67	38	13
Perry	81	34	56	7	0.07	-0.70	2.09	-0.12	45	23
Toledo	79	31	54	6	0.00	-0.78	1.37	-0.91	33	14
East Central District										
Cedar Rapids	79	31	55	5	0.00	-0.77	1.27	-1.04	43	19
Davenport	80	32	56	4	0.00	-0.77	1.30	-1.06	43	16
Iowa City	79	32	55	3	0.00	-0.91	2.20	-0.45	42	8
Lowden	80	26	51	2	0.00	-0.91	2.22	-0.49	19	-6
Maquoketa	78	26	51	2	0.00	-0.77	1.85	-0.48	21	1
Muscatine	79	31	56	4	0.00	-0.84	1.54	-1.00	45	27
South West District										
Atlantic	80	29	60	9	1.00	0.29	2.28	0.15	69	45
Clarinda	80	27	56	5	0.00	-0.82	1.12	-1.26	46	21
Glenwood	84	42	61	9	0.00	-0.72	1.34	-0.67	77	45
Red Oak	81	30	58	5	0.00	-0.84	0.97	-1.49	59	23
Sidney	80	38	60	8	0.00	-0.76	1.21	-1.01	70	38
South Central District										
Allerton	78	35	56	5	0.00	-0.80	1.90	-0.47	45	33
Beaconsfield	77	34	55	5	0.00	-0.77	1.70	-0.63	39	14
Chariton	80	31	53	3	0.00	-0.84	2.45	-0.08	33	8
Indianola	80	33	56	5	0.00	-0.87	1.60	-0.94	44	16
Leon	81	29	56	5	0.00	-0.86	1.90	-0.59	44	19
South East District										
Bloomfield	79	36	55	2	0.00	-0.84	1.26	-1.24	39	2
Burlington	81	40	59	6	0.00	-0.84	1.48	-1.05	64	31
Ottumwa	80	33	57	4	0.00	-0.78	1.77	-0.56	51	19
Washington	80	31	55	2	0.00	-0.77	2.19	-0.10	38	17

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2007: AWIS, Inc. All Rights Reserved.

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5068 SIOUX FALLS SD 57117